

Onur Parlak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5678311/publications.pdf>

Version: 2024-02-01

31
papers

1,558
citations

430754

18
h-index

477173

29
g-index

36
all docs

36
docs citations

36
times ranked

2491
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecularly selective nanoporous membrane-based wearable organic electrochemical device for noninvasive cortisol sensing. <i>Science Advances</i> , 2018, 4, eaar2904.	4.7	395
2	Structuring Au nanoparticles on two-dimensional MoS ₂ nanosheets for electrochemical glucose biosensors. <i>Biosensors and Bioelectronics</i> , 2017, 89, 545-550.	5.3	180
3	Wearable Organic Electrochemical Transistor Patch for Multiplexed Sensing of Calcium and Ammonium Ions from Human Perspiration. <i>Advanced Healthcare Materials</i> , 2019, 8, e1901321.	3.9	115
4	Organic Electronics for Point-of-Care Metabolite Monitoring. <i>Trends in Biotechnology</i> , 2018, 36, 45-59.	4.9	104
5	Template-directed hierarchical self-assembly of graphene based hybrid structure for electrochemical biosensing. <i>Biosensors and Bioelectronics</i> , 2013, 49, 53-62.	5.3	103
6	Synthesis of amidoximated polyacrylonitrile fibers and its application for sorption of aqueous uranyl ions under continuous flow. <i>Chemical Engineering Journal</i> , 2012, 213, 41-49.	6.6	99
7	Toward Transparent Nanocomposites Based on Polystyrene Matrix and PMMA-Grafted CeO ₂ Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4306-4314.	4.0	68
8	On/Off-Switchable Zipper-Like Bioelectronics on a Graphene Interface. <i>Advanced Materials</i> , 2014, 26, 482-486.	11.1	68
9	Hierarchical Aerographite nano-microtubular tetrapodal networks based electrodes as lightweight supercapacitor. <i>Nano Energy</i> , 2017, 34, 570-577.	8.2	67
10	Switchable bioelectronics. <i>Biosensors and Bioelectronics</i> , 2016, 76, 251-265.	5.3	34
11	pH-induced on/off-switchable graphene bioelectronics. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7434-7439.	2.9	33
12	Switchable Bioelectrocatalysis Controlled by Dual Stimuli-Responsive Polymeric Interface. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23837-23847.	4.0	32
13	Portable and wearable real-time stress monitoring: A critical review. <i>Sensors and Actuators Reports</i> , 2021, 3, 100036.	2.3	29
14	Acetylene-sourced CVD-synthesised catalytically active graphene for electrochemical biosensing. <i>Biosensors and Bioelectronics</i> , 2017, 89, 496-504.	5.3	27
15	Self-Reporting Micellar Polymer Nanostructures for Optical Urea Biosensing. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 8509-8514.	1.8	24
16	Null Extinction of Ceria@silica Hybrid Particles: Transparent Polystyrene Composites. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27539-27546.	4.0	23
17	Programmable bioelectronics in a stimuli-encoded 3D graphene interface. <i>Nanoscale</i> , 2016, 8, 9976-9981.	2.8	21
18	Bacterial Sensing and Biofilm Monitoring for Infection Diagnostics. <i>Macromolecular Bioscience</i> , 2020, 20, e2000129.	2.1	19

#	ARTICLE	IF	CITATIONS
19	Current Progress of Interfacing Organic Semiconducting Materials with Bacteria. <i>Chemical Reviews</i> , 2022, 122, 4791-4825.	23.0	19
20	Two-Dimensional Gold-Tungsten Disulphide Bio-Interface for High-Throughput Electrocatalytic Nano-Bioreactors. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400136.	1.9	18
21	Light-Triggered Switchable Graphene-Polymer Hybrid Bioelectronics. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500353.	1.9	15
22	Recent advancement in electrode materials and fabrication, microfluidic designs, and self-powered systems for wearable non-invasive electrochemical glucose monitoring. <i>Applied Materials Today</i> , 2022, 26, 101350.	2.3	15
23	Bioinspired design of a polymer-based biohybrid sensor interface. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 674-682.	4.0	13
24	Anomalous transmittance of polystyrene-ceria nanocomposites at high particle loadings. <i>Journal of Materials Chemistry C</i> , 2013, 1, 290-298.	2.7	12
25	Wearable biosensors and sample handling strategies. , 2020, , 65-88.		10
26	An Organic Electrochemical Transistor to Monitor <i>Salmonella</i> Growth in Real-Time. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100961.	1.9	7
27	Keys And Regulators Of Nanoscale Theranostics. <i>Advanced Materials Letters</i> , 2015, 6, 87-98.	0.3	4
28	Switchable bioelectronics on graphene interface (Presentation Recording). <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
29	Impact Of Nanotoxicology Towards Technologists To End Users. <i>Advanced Materials Letters</i> , 2013, 4, 591-597.	0.3	1
30	The Globalization of the 2008-2009 Financial Crisis. , 2014, , 73-80.		1
31	Interfacing Graphene for Electrochemical Biosensing. , 2017, , 105-122.		0